Contents list

Volume 21, 1989

Subjective lighting needs of the old and the pathological eye	H Lindner, K Hübner, H W Schlote and F Röhl	. 1
Fluorescent lighting, headaches and eyestrain	A J Wilkins, I Nimmo-Smith, A I Slater and L Bedocs	11
Automated lighting in opera design	DITaylor	19
Categorical colour perception under low-pressure sodium lighting with small	•	
amounts of added incandescent illumination	R M Boynton and K F Purl	23
Field measurement of illuminance	DJ Carter, RC Sexton and MS Miller	29
Minimum semi-cylindrical illuminance and modelling in		
residential area lighting	P Rombauts, H Vandewyngaerde and G Maggetto	49
Gloom as a psychophysical phenomenon	A J Shepherd, W G Julian and AT Purcell	89
Visual environment of a control room	M Sato, M Inui, Y Nakamura and Y Takeuchi	99
Improving the maintenance factor of lighting systems	L Di Fraia and F Salemme	107
Skylight dome-well system analysis from intensity distribution data	M D Parent and J B Murdoch	111
Illuminance distributions: Prediction for uniform and non-uniform lighting	A I Slater	133
Road surface reflection and road lighting: Field investigations	HW Bodmann and HJ Schmidt	159
Road tunnel lighting design: Simplification	M Tesson and B Monié	171
Visibility of targets: Model for calculation	WAdrian	181
Spectral radiance factors: Measurement by a gonioradiometric method	J J Embrechts	189
Research Note		
Modification of the split-flux formulae for mean daylight factor and internal r	reflected component	
with large external obstructions	P R Tregenza	125
Technical Notes		
Daylight measurement in models: New type of equipment	P R Tregenza	193
Sky-scanning luminance meters: Proposal using fibre-optic photocells	SHayman	195
Meeting Reports		37, 77
Correspondence		197
National Illumination Committee of Great Britain Report for the year ended	30 September 1988	57
Abstracts		41, 83, 125, 199